1984 Editorial Index

Volume 7

Topic	Issue	Page
A		
ABS		
flame retardants for	Jul/Aug	26
use of twin-screw extruders with	Nov/Dec	54
Additives applications	Jul/Aug	42
Adiabatic calorimetry	Sep/Oct	15
Allbee, N.	Jan/Feb	65
	May/Jun	70
	Nov/Dec	14
Alloys and blends	Jul/Aug	64
Aluminum pigments	Jul/Aug	59
Anders, D.	Nov/Dec	54
Anderson, F.F.	Mar/Apr	19
Antioxidants	May/Jun	70
for polyurethanes	Jan/Feb	72
ATH-filled polyolefins, coupling agents for	Mar/Apr	61
B		
Biocides for polyurethanes	Jan/Feb	72
Blowing agents for unsaturated polyester	Sep/Oct	42
Brill, R.N.	Nov/Dec	42
Bromine flame retardants		
for thermoplastics	Jul/Aug	26
for thermosets	Sep/Oct	54
Bronze powder pigments	Jul/Aug	62
C		
Cadmium pigments	Nov/Dec	52
Calcium sulfate microfibers	May/Jun	25
Catalysts		
for polyurethanes	Jan/Feb	65
for RIM	Jan/Feb	41
Chain-extender polyol for RIM	Jan/Feb	41
Clays, organophilic, thixotropes	May/Jun	53
Color compounding	May/Jun	68
Color concentrates	Jan/Feb	57
	Mar/Apr	69
Color, effects of fillers on	May/Jun	30
Color matching	Mar/Apr	69
	May/Jun	68
Colorants		
compounding of	Jan/Feb	57
dyes	Nov/Dec	52
special-effects	Jul/Aug	53
Coloring plastics	Nov/Dec	52
Conference reports		
SPE, ANTEC	Jul/Aug	64
SPE, RETEC on Color Compounding	Jan/Feb	57
	Nov/Dec	52
SPI, Sixth International Polyurethane Conference	Jan/Feb	72
	Mar/Apr	76
SPI/SPE Conference, June 1984	Sep/Oct	50
Conference reports		
SPI, 39th RP/C Conference	Mar/Apr	35
	May/Jun	83
Continuous compounding equipment	Jan/Feb	31
Cook, J.	Jul/Aug	53
Coupling agents	Mar/Apr	61
	Sep/Oct	50
for ATH-filled polyolefins	Mar/Apr	61
for polyurethanes	Jan/Feb	72
with mica	Jul/Aug	44
Creep resistance	Sep/Oct	50
Curatives for polyurethanes	Jan/Feb	72
D		
Differential scanning calorimetry	Sep/Oct	15
DiLeone, R.R.	Jan/Feb	41
Dispersion of pigments	Jan/Feb	18
	Nov/Dec	52
Dyes	Nov/Dec	52
Dynamic mechanical analysis	Jul/Aug	15
	Sep/Oct	15
E		
Elastomer modifiers	May/Jun	83
Engineering thermoplastics, flame retardants for	Jul/Aug	26
Entine, G.	Jan/Feb	77
Epoxies		
dynamic mechanical analysis of	Jul/Aug	15
flame retardants for	Sep/Oct	54
	Nov/Dec	30
Extruders	Jan/Feb	31
corotating twin screw	Nov/Dec	54
for color compounding	Jan/Feb	57
for scrap reclaim	Sep/Oct	68
two stage	Nov/Dec	54
F		
Fairhurst, D.	Mar/Apr	61
Fenton, M.	Jul/Aug	44
Filler effect on color	May/Jun	30
Filler/resin interface	Jan/Feb	65
	May/Jun	83
Fillers	Sep/Oct	50
hybrid	May/Jun	83
mineral	Mar/Apr	35
Fillers/reinforcements	Mar/Apr	35
	May/Jun	83
	Jul/Aug	64
calcium sulfate microfibers	May/Jun	25
mica	Jul/Aug	44
	Nov/Dec	14
mixed	Mar/Apr	35

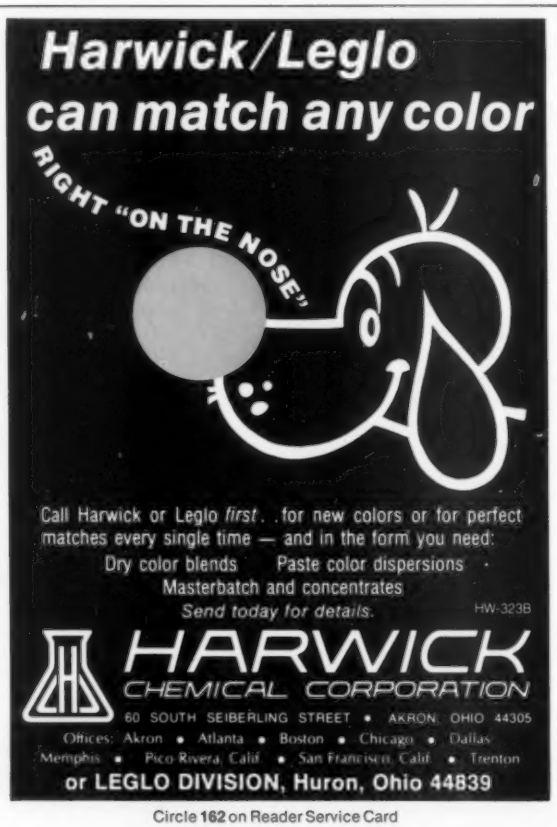
1984 Editorial Index

Volume 7

Topic	Issue	Page
A		
ABS		
flame retardants for	Jul/Aug	26
use of twin-screw extruders with	Nov/Dec	54
Additives applications	Jul/Aug	42
Adiabatic calorimetry	Sep/Oct	15
Allbee, N.	Jan/Feb	65
	May/Jun	70
	Nov/Dec	14
Alloys and blends	Jul/Aug	64
Aluminum pigments	Jul/Aug	59
Anders, D.	Nov/Dec	54
Anderson, F.F.	Mar/Apr	19
Antioxidants	May/Jun	70
for polyurethanes	Jan/Feb	72
ATH-filled polyolefins, coupling agents for	Mar/Apr	61
B		
Biocides for polyurethanes	Jan/Feb	72
Blowing agents for unsaturated polyester	Sep/Oct	42
Brill, R.N.	Nov/Dec	42
Bromine flame retardants		
for thermoplastics	Jul/Aug	26
for thermosets	Sep/Oct	54
Bronze powder pigments	Jul/Aug	62
C		
Cadmium pigments	Nov/Dec	52
Calcium sulfate microfibers	May/Jun	25
Catalysts		
for polyurethanes	Jan/Feb	65
for RIM	Jan/Feb	41
Chain-extender polyol for RIM	Jan/Feb	41
Clays, organophilic, thixotropes	May/Jun	53
Color compounding	May/Jun	68
Color concentrates	Jan/Feb	57
	Mar/Apr	69
Color, effects of fillers on	May/Jun	30
Color matching	Mar/Apr	69
	May/Jun	68
Colorants		
compounding of	Jan/Feb	57
dyes	Nov/Dec	52
special-effects	Jul/Aug	53
Coloring plastics	Nov/Dec	52
Conference reports		
SPE, ANTEC	Jul/Aug	64
SPE, RETEC on Color Compounding	Jan/Feb	57
	Nov/Dec	52
SPI, Sixth International Polyurethane Conference	Jan/Feb	72
	Mar/Apr	76
SPI/SPE Conference, June 1984	Sep/Oct	50
Conference reports		
SPI, 39th RP/C Conference	Mar/Apr	35
	May/Jun	83
Continuous compounding equipment	Jan/Feb	31
Cook, J.	Jul/Aug	53
Coupling agents	Mar/Apr	61
	Sep/Oct	50
for ATH-filled polyolefins	Mar/Apr	61
for polyurethanes	Jan/Feb	72
with mica	Jul/Aug	44
Creep resistance	Sep/Oct	50
Curatives for polyurethanes	Jan/Feb	72
D		
Differential scanning calorimetry	Sep/Oct	15
DiLeone, R.R.	Jan/Feb	41
Dispersion of pigments	Jan/Feb	18
	Nov/Dec	52
Dyes	Nov/Dec	52
Dynamic mechanical analysis	Jul/Aug	15
	Sep/Oct	15
E		
Elastomer modifiers	May/Jun	83
Engineering thermoplastics, flame retardants for	Jul/Aug	26
Entine, G.	Jan/Feb	77
Epoxies		
dynamic mechanical analysis of	Jul/Aug	15
flame retardants for	Sep/Oct	54
	Nov/Dec	30
Extruders	Jan/Feb	31
corotating twin screw	Nov/Dec	54
for color compounding	Jan/Feb	57
for scrap reclaim	Sep/Oct	68
two stage	Nov/Dec	54
F		
Fairhurst, D.	Mar/Apr	61
Fenton, M.	Jul/Aug	44
Filler effect on color	May/Jun	30
Filler/resin interface	Jan/Feb	65
	May/Jun	83
Fillers	Sep/Oct	50
hybrid	May/Jun	83
mineral	Mar/Apr	35
Fillers/reinforcements	Mar/Apr	35
	May/Jun	83
	Jul/Aug	64
calcium sulfate microfibers	May/Jun	25
mica	Jul/Aug	44
	Nov/Dec	14
mixed	Mar/Apr	35

Topic	Issue	Page
Fillers/reinforcements		
polyvinylidene microspheres	Mar/Apr	19
talc	Jan/Feb	65
Fisher, M.M.	Jan/Feb	41
Flame retardants	May/Jun	83
	Sep/Oct	50
bromine, for thermoplastics	Jul/Aug	26
bromine, for thermosets	Sep/Oct	54
for ABS	Jul/Aug	26
for engineering thermoplastics	Jul/Aug	26
for epoxies	Sep/Oct	54
for modified PPO	Nov/Dec	30
for nylon	Nov/Dec	30
for polyolefins	Jul/Aug	26
for polystyrene	Jul/Aug	26
for polyurethanes	Jan/Feb	72
	Nov/Dec	30
phosphorus	Nov/Dec	30
Flow promoters	May/Jun	83
Fluorescent pigments	Jul/Aug	53
Foaming systems for unsaturated polyesters	Sep/Oct	42
Fumed silica thixotropes	May/Jun	53
Funk, G.L.	Mar/Apr	73
G		
Galli, E.	Jan/Feb	31
	Mar/Apr	45
	May/Jun	53
	Jul/Aug	15
	Sep/Oct	15
	Nov/Dec	24
Garver, T.G.	Jan/Feb	41
Gibbons, K.M.	Mar/Apr	19
Glass fibers	Mar/Apr	35
measurement of content	Jan/Feb	77
Green, J.	Nov/Dec	30
H		
Hawley, G.	Jul/Aug	44
HDPE, use of twin-screw extruders with	Nov/Dec	54
Heat stabilizers for PVC	Mar/Apr	58
High-impact polystyrene, flame retardants for	Jul/Aug	26
Horner, A.H.	Nov/Dec	42
Hunziker, P.	Nov/Dec	54
Hybrid fillers	May/Jun	83
I		
Impact modifiers for PVC	Jul/Aug	64
Internal mold-release agents for polyurethane	Jan/Feb	72
Isocyanates	Mar/Apr	76
J		
Johnson, D.L.	Jan/Feb	41
K		
K'83	Jan/Feb	31
Kern, G.	Jul/Aug	59
L		
Leonard, L.	Mar/Apr	29
Leonard, L.	Sep/Oct	68
Light stabilizers	Jul/Aug	64
M		
McMurrer, M.	May/Jun	40
Mearns, B.J.	Jan/Feb	41
Melber, G.E.	Jan/Feb	19
Melt indexers	Mar/Apr	45
Mica	Jul/Aug	44
	Nov/Dec	14
use of coupling agents with	Jul/Aug	44
Microfibers, calcium sulfate	May/Jun	25
Microspheres	Mar/Apr	35
polyvinylidene chloride	Mar/Apr	19
Mineral fillers	Mar/Apr	35
Mixed fillers	Mar/Apr	35
Mixers	Jan/Feb	31
inline	Mar/Apr	29
Mold-release agents, internal	Nov/Dec	24
N		
Nametz, R.C.	Jul/Aug	26
	Sep/Oct	54
Nehra, M.A.	Sep/Oct	42
Niak, S.	Jul/Aug	44
Novinski, S.	Jul/Aug	56
Nucleating agents	Jul/Aug	64
	Sep/Oct	50
Nylon		
dynamic mechanic analysis of	Jul/Aug	15
flame retardants for	Nov/Dec	30
reinforced, use of twin-screw extruders with	Nov/Dec	54
O		
Organic thixotropes	May/Jun	53
Organosilicons	Mar/Apr	61
P		
Pearlescent pigments	Jul/Aug	56
Phosphorus flame retardants	Nov/Dec	30
Phthalocyanine green, dispersion of	Jan/Feb	18
Pigments	May/Jun	83
	Jul/Aug	64
aluminum	Jul/Aug	59
bronze powders	Jul/Aug	62
cadmium	Nov/Dec	52
dispersion of	Jan/Feb	18
	Nov/Dec	52
fluorescent	Jul/Aug	53
for polyurethane	Jan/Feb	72
pearlescent	Jul/Aug	56
Plasticizers, polymeric	Sep/Oct	32
PMMA, use of twin-screw extruders with	Nov/Dec	54
Polyesters		
dynamic mechanical analysis of	Jul/Aug	15
unsaturated, flame retardants for	Sep/Oct	54
	Nov/Dec	30
unsaturated, foaming systems for	Sep/Oct	42
Polyethylene, dynamic mechanical analysis of	Jul/Aug	15

Topic	Issue	Page
Polyolefins		
coupling agents for	Mar/Apr	61
flame retardants for	Jul/Aug	26
Polyols	Mar/Apr	76
for RIM	Jan/Feb	41
Polypropylene, dynamic		
mechanical analysis of	Jul/Aug	15
Polystyrene foam, flame retardants for	Jul/Aug	26
Polyurethanes		
additives for	Jan/Feb	72
antioxidants for	Jan/Feb	72
biocides for	Jan/Feb	72
catalysts for	Jul/Aug	41
coupling agents for	Jan/Feb	72
curatives for	Jan/Feb	72
flame retardants for	Nov/Dec	30
	Jan/Feb	72
foams, flame retardants for	Sep/Oct	54
internal mold-release agents for	Nov/Dec	24
pigments for	Jan/Feb	72
PPO, modified, flame retardants for	Nov/Dec	30
Precipitated silica thixotropes	May/Jun	53
Processing aids	Jan/Feb	65
for PVC	May/Jun	40
Production yield vs. scrap	Mar/Apr	73
PVC		
flame retardants for	Nov/Dec	30
heat stabilizers for	Mar/Apr	58
impact modifiers for	Jul/Aug	64
lubricants for	Jul/Aug	64
modification of	Jul/Aug	64
polymeric plasticizers for	Sep/Oct	32
processing aids for	May/Jun	40
stabilizers for	Jul/Aug	64
	Sep/Oct	32
Q		
Quinacridone violet, dispersion of	Jan/Feb	18
R		
Ratkowski, A.J.	Jan/Feb	77
Reclaim extruders	Sep/Oct	68
Redler, E.	Jan/Feb	77
Reeve, T.B.	Jan/Feb	18
Rempe, J.	Jul/Aug	62
Rheological testing	Mar/Apr	45
Rheometers	Mar/Apr	45
Rieger, C.J.	Jul/Aug	56
RIM, internal mold-release		
agents for	Nov/Dec	24
RIM materials	Jan/Feb	41
S		
Scrap reclaim	Sep/Oct	68
Scrap vs. production yield	Mar/Apr	73
Skurauskis, M.	May/Jun	25
Slip agents	Jul/Aug	64
SMC thickening	Nov/Dec	42
Special-effects colorants	Jul/Aug	53
Speelman, D.	May/Jun	30
Stabilizers for PVC	Sep/Oct	50
Surface treatments	Jul/Aug	64
T		
Talc	Jan/Feb	65
Testing equipment		
for dynamic mechanical analysis	Jul/Aug	15
for fiber content	Jan/Feb	77
for measurement of glass		
for melt rheology	Mar/Apr	45
for thermal analysis	Sep/Oct	15
Thermal analysis	Sep/Oct	15
Thermogravimetric analysis	Sep/Oct	15
Thermomechanical analysis	Sep/Oct	15
Thickeners for SMC	Nov/Dec	42
Thixotropes	May/Jun	53
Tripathi, V.	May/Jun	25
V		
Vick, S.C.	Mar/Apr	61
W		
Waxes	Sep/Oct	50


Harwick/Leglo
can match any color
RIGHT "ON THE NOSE"
Call Harwick or Leglo first. . for new colors or for perfect matches every single time — and in the form you need:
Dry color blends Paste color dispersions
Masterbatch and concentrates
Send today for details.
HW-323B
HARWICK
CHEMICAL CORPORATION
60 SOUTH SEIBERLING STREET • AKRON, OHIO 44305
Offices: Akron • Atlanta • Boston • Chicago • Dallas
Memphis • Pico Rivera, Calif. • San Francisco, Calif. • Trenton
or LEGLO DIVISION, Huron, Ohio 44839

Circle 162 on Reader Service Card

subject index

Subject	Page
Additives	9, 65, 72, BC
Aluminum pigments	68
Amines	68
Antimony oxide	69, 71, 87
Antioxidants	19, 22, 33
Batch controls	78
Blenders	76, 82
Blowing agents	63, 68
Cadmium pigments	53, 87
Calcium carbonate	11, 59, 77, 83, 91
Carbon black	27, IBC
Carbon fibers	70
Catalysts	68, 70
Chromaticity meters	87
Chromatographs	84
Clays	60
Color analyzers	78
Color concentrates	2-3, 8, 72
Color dispersions	53, 84
Color-matching systems	10, 52, 92
Colorants	70, BC
Colorimeters	87
Compounders	49, 53
Conveying systems	82
Coupling agents	70
Dispersers	75
Drying agents	72
Dyes	52
Epoxy resins	87
Extruders	10, 23, 54, 84, 87
Feeders	78, 86
Fillers	11, 28-29, 31, 41
Filters	84
Flame retardants	9, 12, 19, 28-29, 30 47, 50-51, 71, 72, 74, 81
Flowmeters	64
Glass fibers	95
Glossmeters	82
Heat stabilizers	68
Heating systems	84
Illuminance meters	87
Internal mold releases	24, 70
Light stabilizers	7, 15
Lubricants	19, 26
Luminance meters	87
Magnetic filters	66
Materials testers	67
Measurement and control systems	76
Metering pumps	84
Mica	14, 89
Mixers	75, 76, 78, 82
Pelletizers	12, 73
Peroxides	68
Pigments	17, 53, 61, 68, 78, 84
Plasticizers	5, 13, 19, 34, 55, 81, 82, 85
Polyesters	21, 44-45
Polyethylene	39
Polyols	68
Polyurethane materials	84
Reinforcements	28-29
Rheometers	72
Screens	76
Silica	28-29, 53
SMC thickening	42
Software	76
Solvents	36
Spectrophotometers	76
Stabilizers	IFC, 19, 57
Surface-modifying agents	52
Surfactants	19
Testing equipment	66, 82, 84
Urethanes	44-45
Viscometers	87
X rays	87

Help bring the world together, one friendship at a time.

Be a host family. American business people have traditionally led the way in opening lines of communication with other nations. Now, International Youth Exchange, a Presidential Initiative for peace, offers a unique opportunity for personal contact with a teenager from another country.

These youngsters, 15-19, will live for a time with American families like yours and attend American schools. To help bring the world together, one friendship at a time.

Volunteer host families from all segments of American society are being selected. If you'd like to be one of them, send for more information.

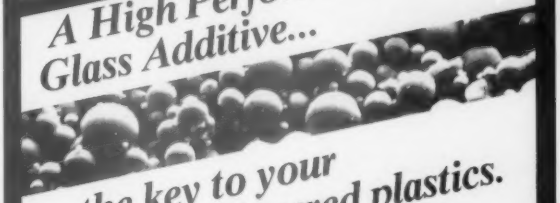
INTERNATIONAL YOUTH EXCHANGE A Presidential Initiative

Write: YOUTH EXCHANGE
Pueblo, Colorado 81009

A message from The President's Council for International Youth Exchange, The Consortium for International Citizen Exchange and The Advertising Council

SPHERIGLASS®

A High Performance Solid Glass Additive...



...the key to your custom engineered plastics.

Lower manufacturing costs through:

- **improved flow & dispersion**
- **reduced warpage & abrasion**

Solid Glass Spheres for Engineering Plastics from:

POTTERS INDUSTRIES INC.
an affiliate of the PQ Corporation
377 Route 17
Hasbrouck Heights, NJ 07604
Phone: (201) 288-4700

Circle 163 on Reader Service Card

advertisers index

Advertiser	Page
Allied Color Industries, Inc.	8
Allied Corp.	21, 39
American Cyanamid Co.	7
American Leistritz	10
◦Amoco Chemical Corp.	44-45
◦ASARCO Inc.	69
Axel Plastics Research Labs	26
◦Baker Perkins Inc.	73
Borg-Warner Chemicals, Inc.	19
Bunting Magnetics Co.	66
Burgess Pigments Co.	78
◦Buss-Condux	49
◦Cabot Corp.	IBC
◦Ciba Geigy Corp.	15
Columbian Chemicals Co.	27
Custom Scientific Instruments Inc.	66
Dover Chemical Corp.	12
◦Eastman Chemical Products	85
Emery Industries	5
◦Ethyl Corp.	33
◦Evans Chemetics	22
◦FMC Corp.	81
◦Genstar Stone Products Co.	77
◦Georgia Marble Co.	59
◦Great Lakes Mineral Co.	83
◦The C.P. Hall Co.	55
The Harshaw/Filtrol Partnership	17
◦Harwick Chemical Corp.	92
J.M. Huber Corp., Chemicals Div.	60
◦J.M. Huber Corp., Clay Div.	53
◦IMS Co.	12
Inolex Chemical Co.	84
Kenrich Petrochemicals	70
Kyowa Chemical Industry Co. Ltd.	74
M&T Chemicals Inc.	IFC
◦Marietta Resources International, Ltd.	89
Max Machinery Inc.	64
◦McGean-Rohco Inc.	9
Mobil Chemical Co.	50-51
Monsanto	13
Moriyama Corp.	86
Myers Engineering	75
Nyco	31
◦Occidental Chemical Corp.	47
◦Olin Corp.	11
Pacific Dispersions Inc.	10
Pfizer Minerals, Pigments & Metals Div.	63
Phillips Chemical Co.	36
◦PMS Consolidated	BC
Potters Industries Inc.	95
Rheometrics, Inc.	72
Samin Corp.	87
◦Sandoz Chemicals Corp.	57
◦SCM Pigments Div., SCM Corp.	61
Sherex Chemical Co., Inc.	82
Sherwin-Williams Chemical Div.	71
◦Solem Industries, Inc.	28-29
◦Thompson, Weinman & Co.	91
Uniroyal Chemical Co.	65
U.S. Gypsum, Chemicals Div.	41
U.S.I. Chemicals	2-3
Waters Assoc.	67
◦Welding Engineers	23
◦Witco Chemical—Argus Div.	34

◦Information about this company's products can also be found in advertising in the *1984/85 Plastics Compounding Redbook*.

This index is provided as an additional service. The publisher does not assume any liability for errors or omissions.

business staff

T. Peter Sullivan, Publisher
Peter M. Zacher, Sales Manager

Advertising Sales Offices

EAST
T. Peter Sullivan, Publisher
William H. Wellman/Ed Neely
Glenn Comar, Sales Administrator
262 Main St.
Chatham, N.J. 07928/(201) 635-1671

Michael J. Raftus
47 Pilgrim Rd.
Holliston, Mass. 01746/(617) 429-4958

MIDWEST
Peter M. Zacher, Sales Manager
Gary Skulski
24500 Chagrin Blvd.
Cleveland, Ohio 44122/(216) 464-8060

Jeffrey L. Williams
5 Wheaton Center, #105
Wheaton, Ill. 60187/(312) 668-8402

SOUTHEAST
Stanly W. Jones, Jr.
Box 15062
Sarasota, Fla. 33579/(813) 349-5418

SOUTHWEST
Bob Hawley/Gary Lindenberger
Hawley-Lindenberger & Assoc.
11777 Katy Freeway, Suite 155
Houston, Tex. 77079/(713) 870-0470

WEST
Judith Ray Hazen
1129 E. 17th Ave.
Denver, Colo. 80218/(303) 832-1022

INTERNATIONAL
M.J. Damsell
Euromedia Ltd.
Box 122, Haywards Heath
West Sussex RH16 1YF, England
Tel: Haywards Heath 416845

Anthony Kenter
Weddehoenlaan 14, Box 130
7471ME Goor, Holland
Tel: 05470-5005, Telex: 72028 Kenpu